

FIG. 1

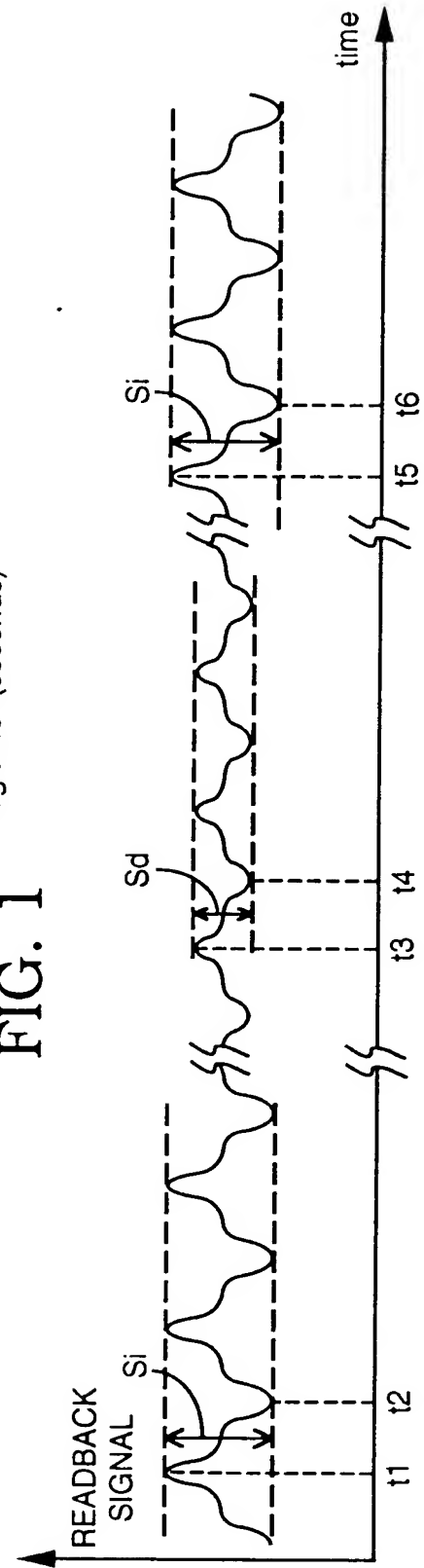


FIG. 2

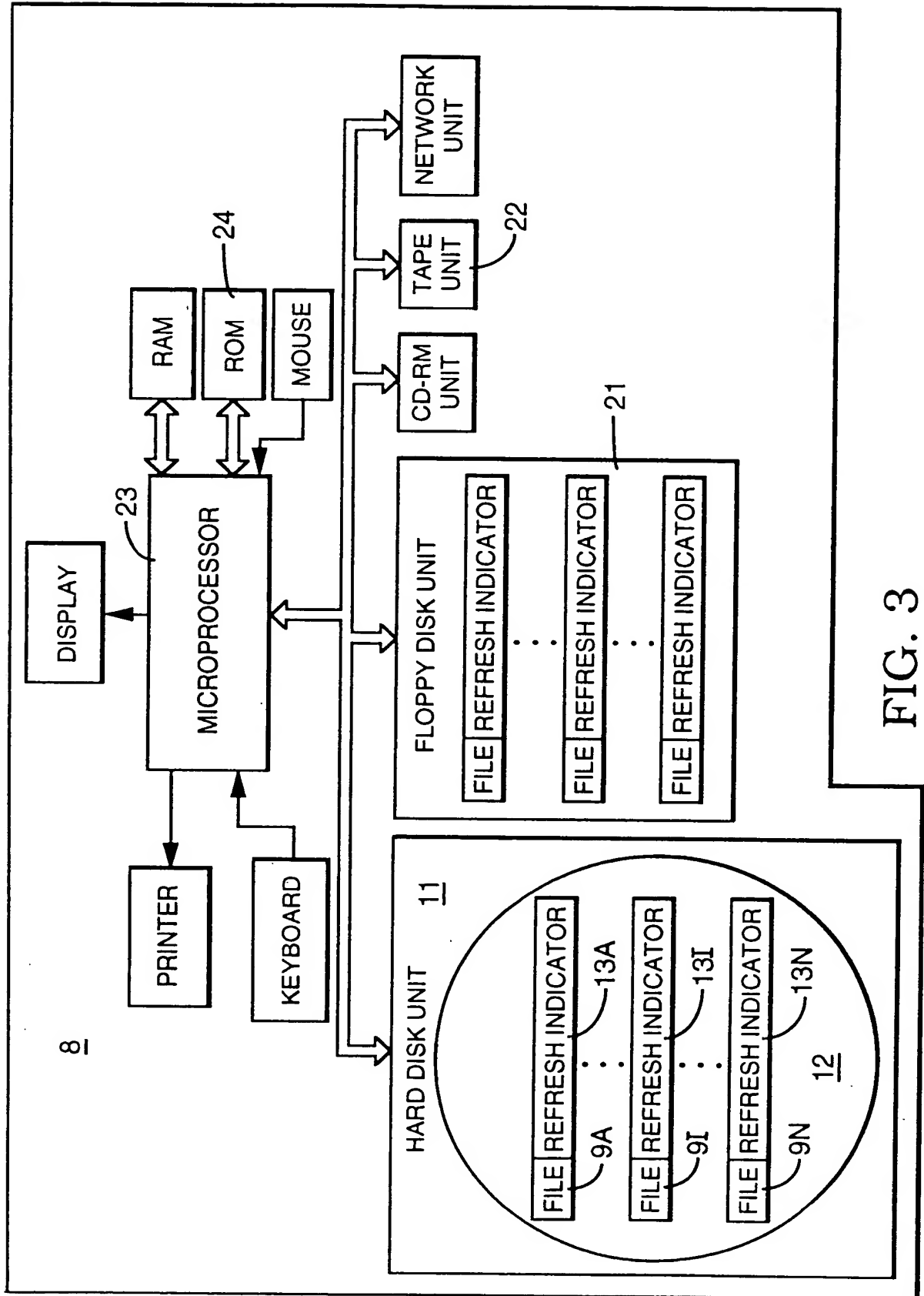


FIG. 3

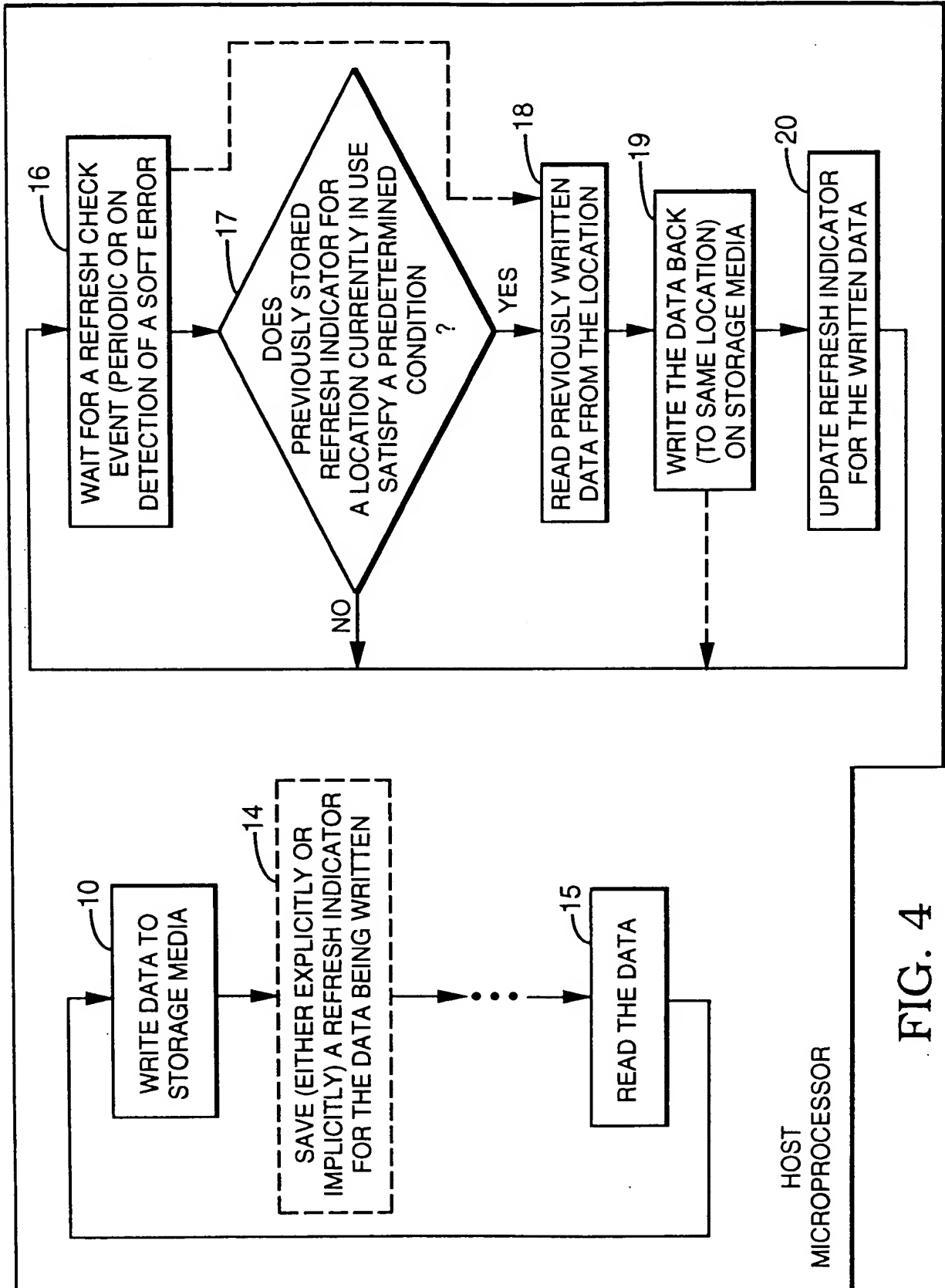
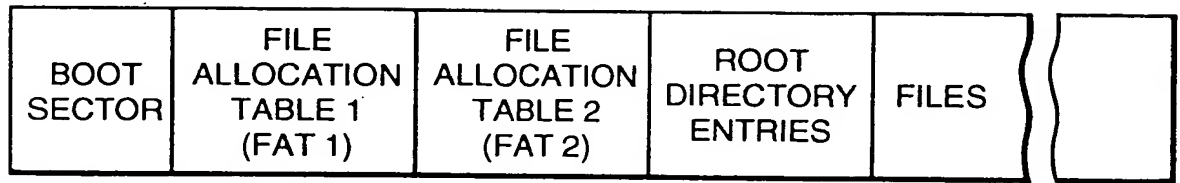


FIG. 4

## FAT FILE SYSTEM



E9 XXXX or EB XX90
OEM name and version (8 bytes)
Bytes per sector (2 bytes)
Sectors per allocation unit (1 byte)
Reserved sectors, starting at 0 (2 bytes)
Number of FAT's (1 byte)
Number of root-directory entries (2 bytes)
Total sectors in logical volume (2 bytes)
Media descriptor byte
Number of sectors per FAT (2 bytes)
Sectors per track (2 bytes)
Number of heads (2 bytes)
Number of hidden sectors (4 bytes)
Total sectors in logical volume (MS-DOS 4.0 and volume size >32 MB)
Physical drive number
Reserved
Extended boot signature record (29H)
32-bit binary volume ID
Volume label (11 bytes)
Reserved (8 bytes)
Bootstrap

Reserved
Reserved
Cluster pointer
Cluster pointer
•
•
•
•
Cluster pointer
Last cluster mark

Filename
Extension
File attribute
Magnitude of readback signal when created or refreshed
Time created or last updated
Date created or last updated
Starting cluster
File size, 4 bytes

FIG. 5

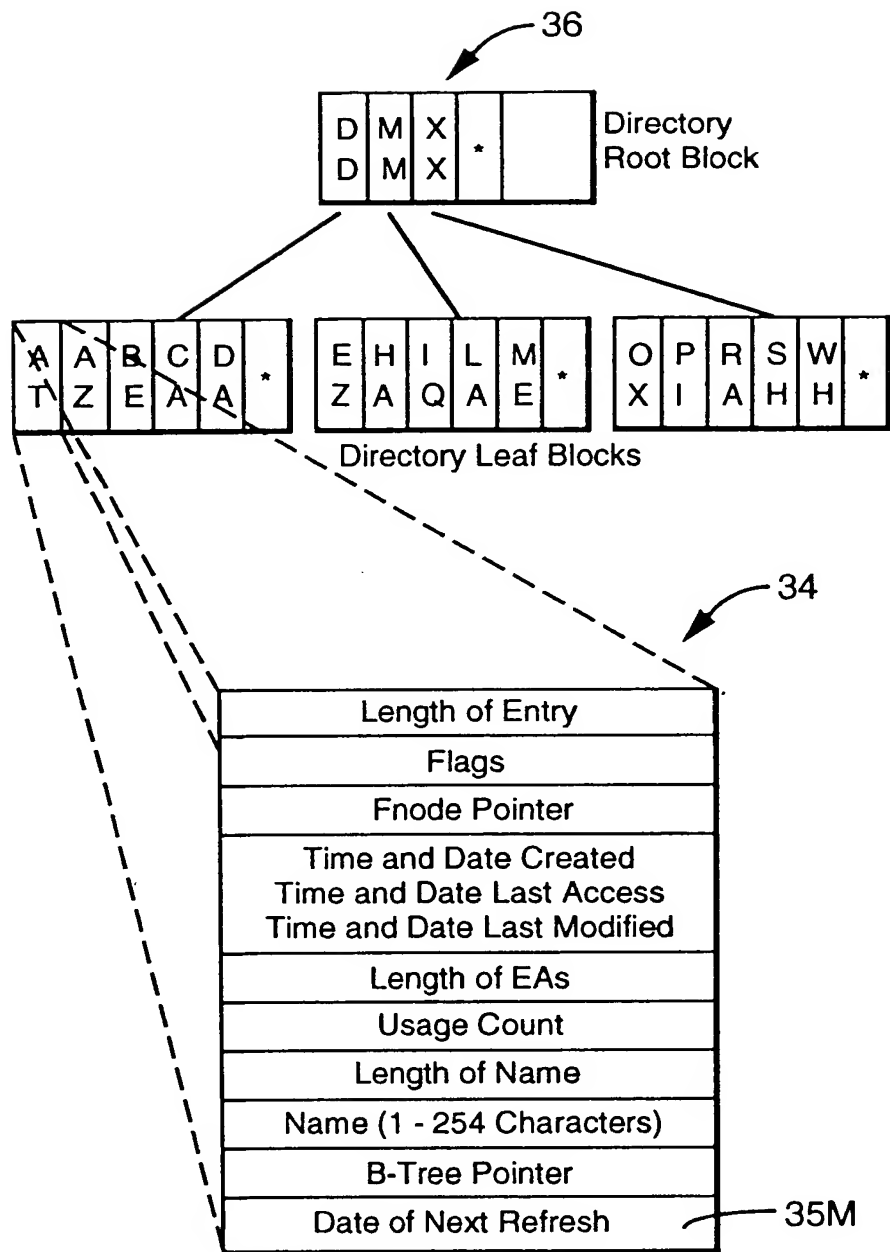


FIG. 6

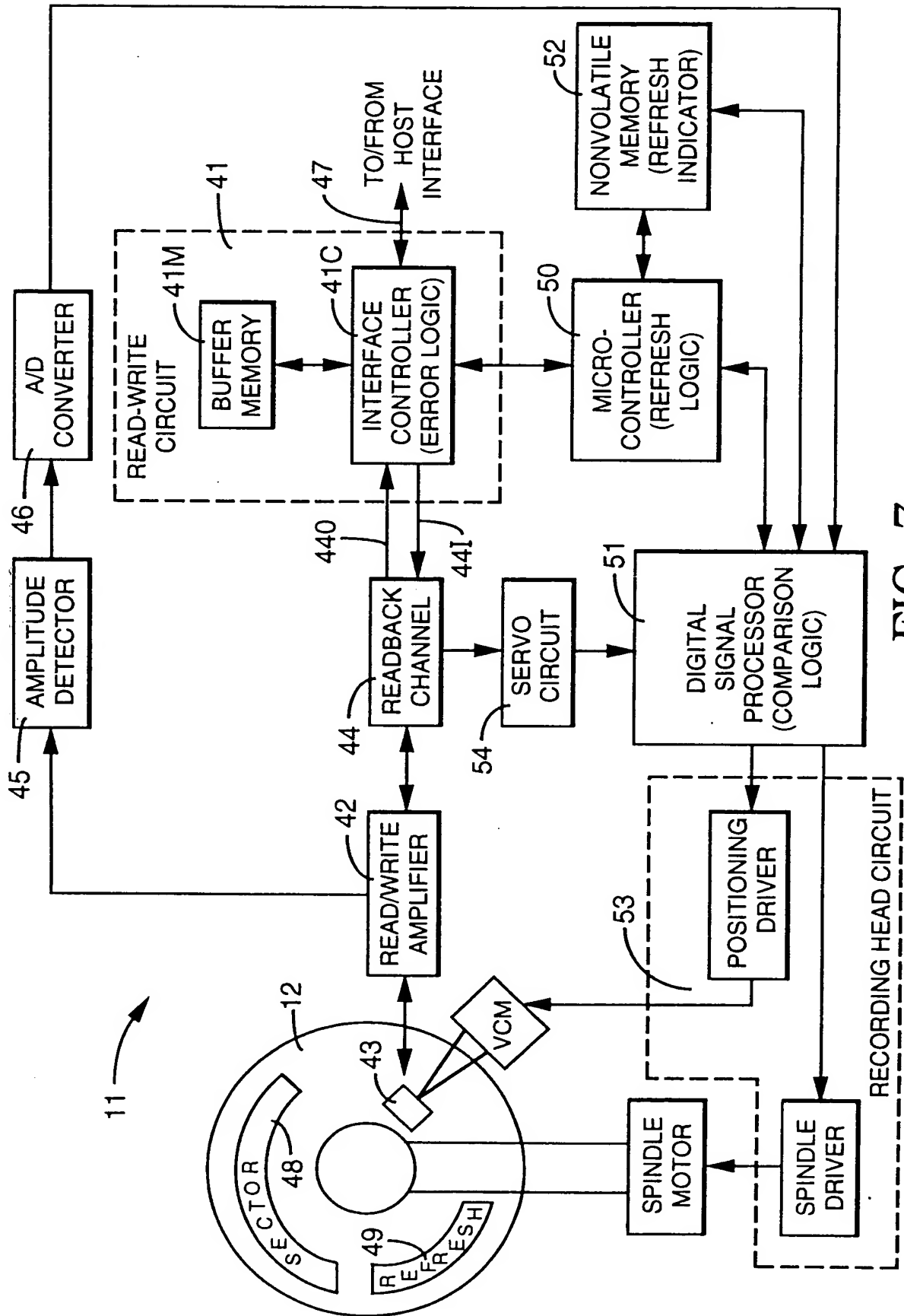


FIG. 7

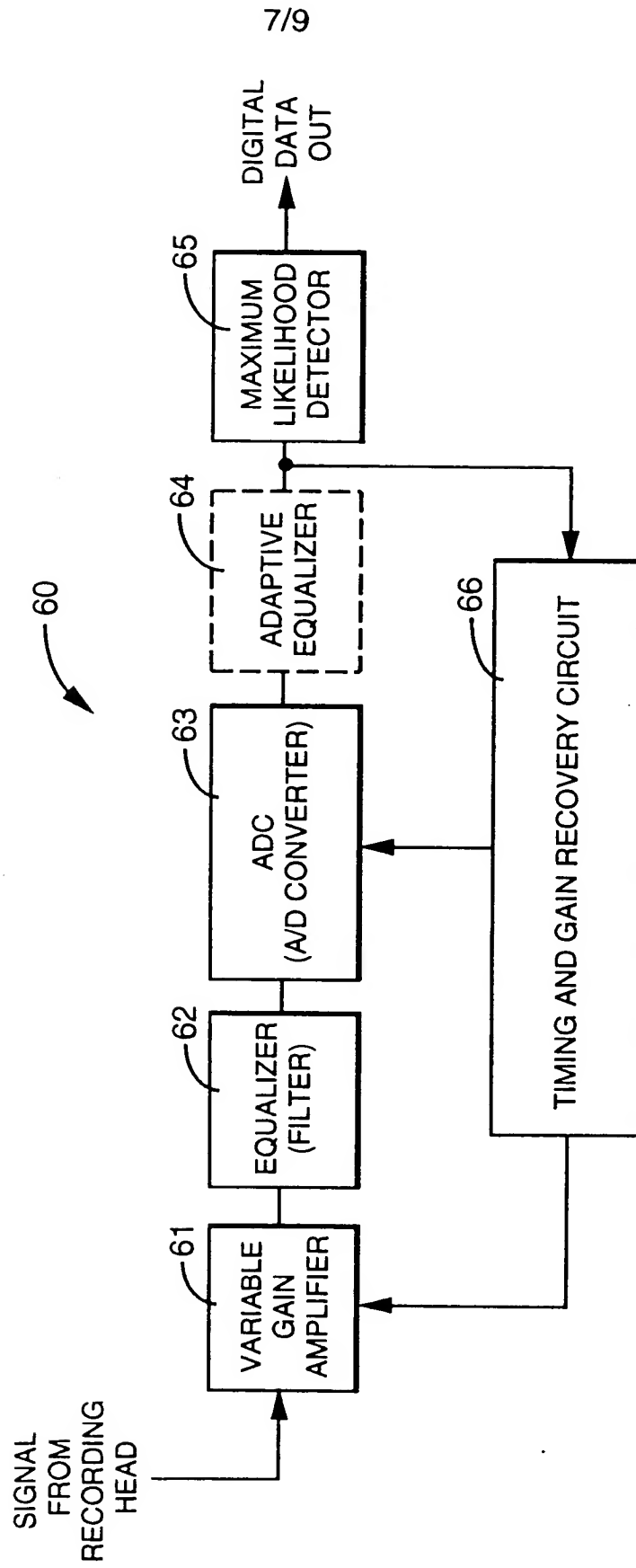


FIG. 8 (PRIOR ART)

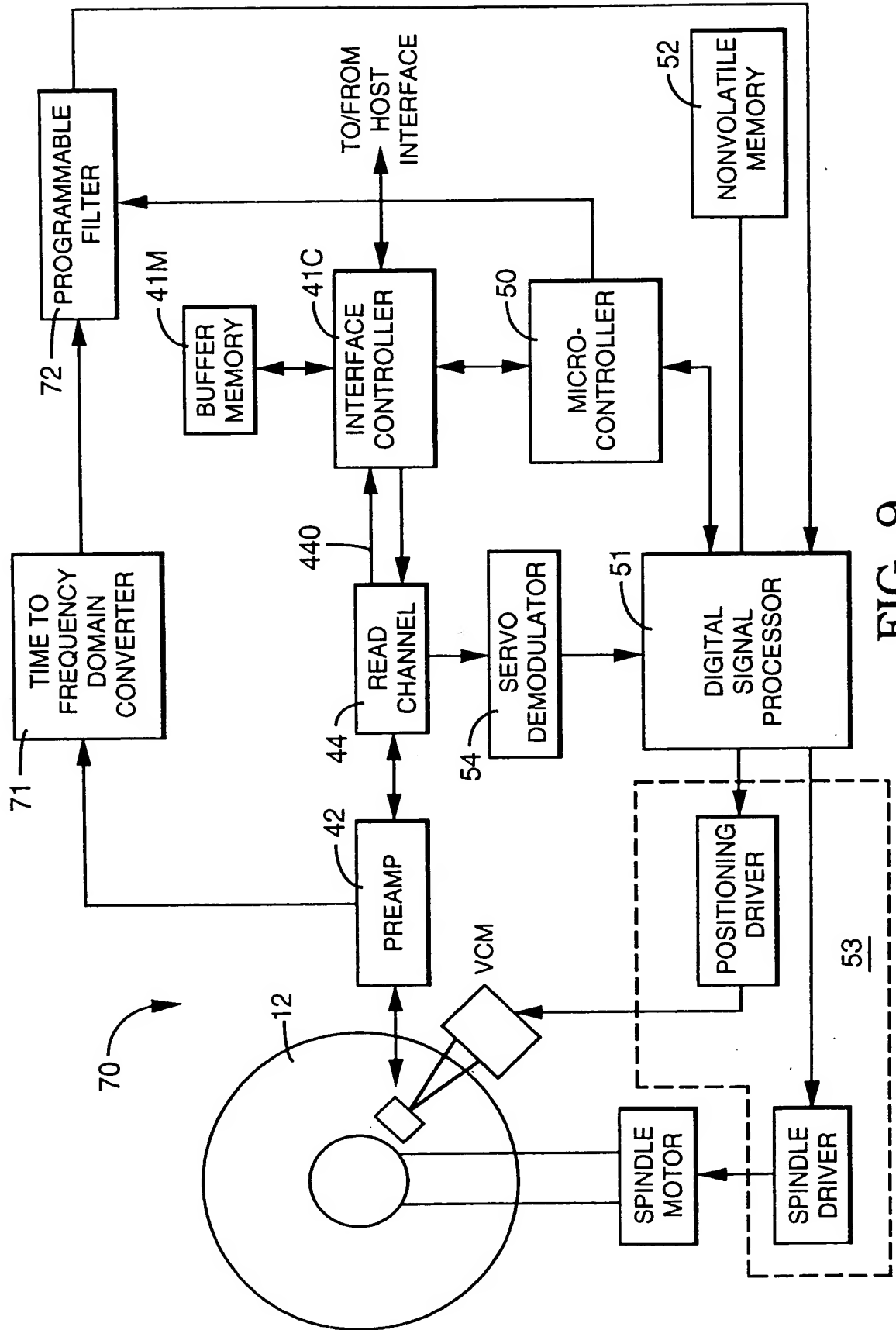


FIG. 9



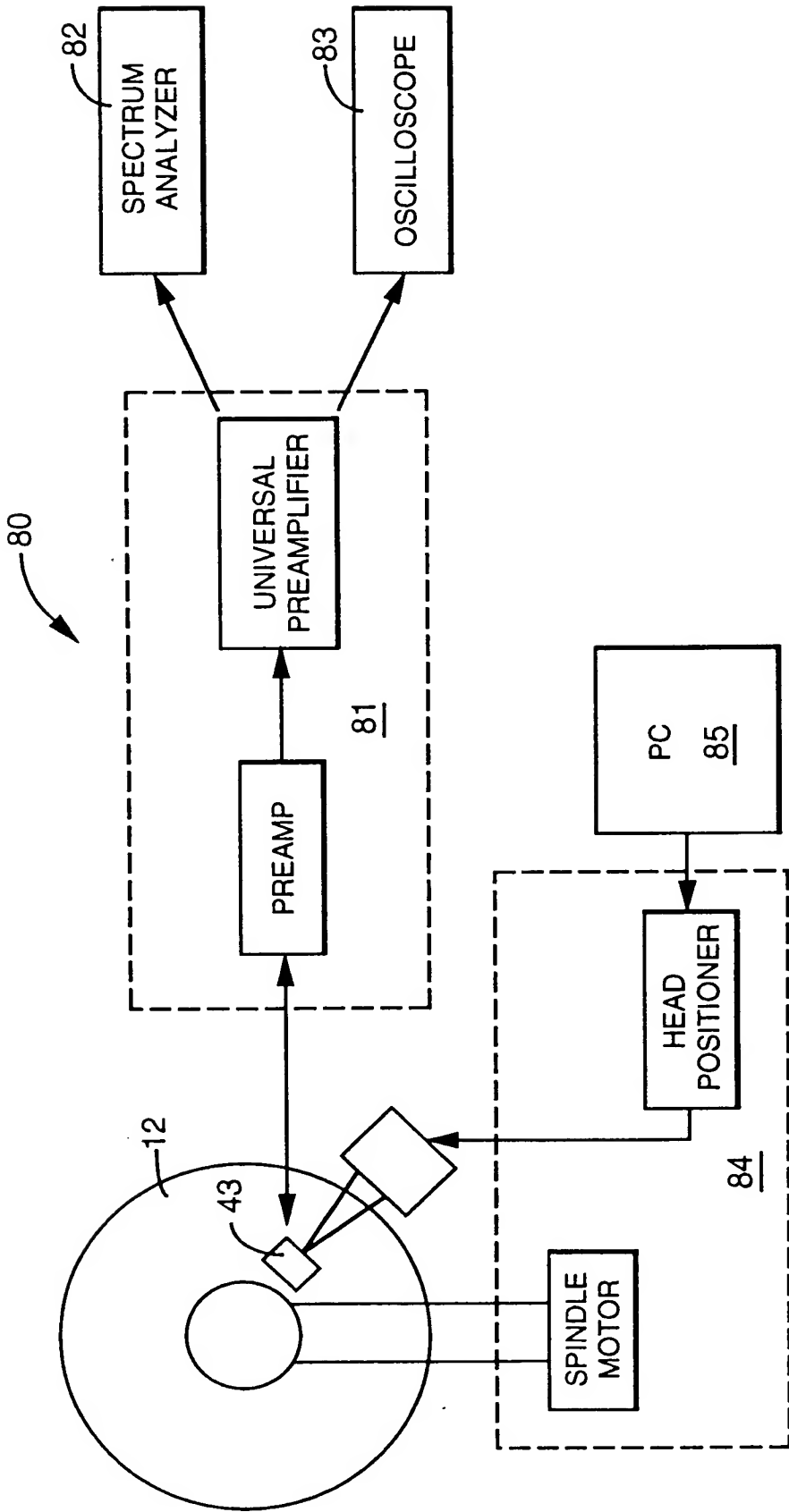


FIG. 10